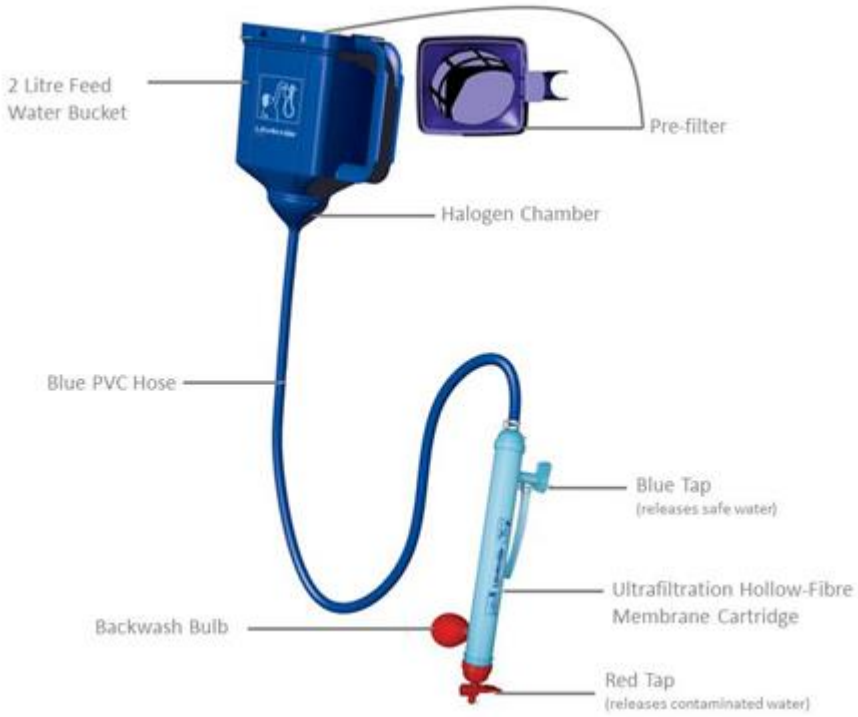
LifeStraw® Family user manual



LifeStraw® Family uses advanced hollow fiber technology. Water is forced through narrow fibers under high pressure. Clean water exits through tiny pores in the walls of the hollow fibers, but bacteria, protozoa, and other contaminants are trapped inside the hollow fibres and are flushed out by backwashing. This is a highly efficient method of filtration.

1. Feed water bucket with prefilter has 2 litre capacity for filling with unpurified water
2. The 80 micron textile prefilter removes coarser particles and is easy to clean
3. Halogen chamber releases low-level chlorine to prevent membrane fouling
4. Plastic hose is one metre long. Gravity creates sufficient pressure on the membrane cartridge in order to reach a high flow rate
5. Ultra filtration takes place in the membrane cartridge – a pore size of 20 nanometre retains bacteria, viruses, parasites and fine dirt particles
6. Blue tap is turned to release purified water
7. Backwashing of the membranes is done by squeezing the red bulb three times and releasing the dirty water from the red tap
8. Exit valve disposes the dirt and impurities

NOTE: Water from the red exit tap should never be consumed.